

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1400	248/441.1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:04
L2	258	248/445	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:04
L3	595	248/447	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:04
L4	293	248/447.1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:04
L5	318	248/447.2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:05
L6	571	248/455	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:05
L7	478	248/456	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:14
L8	127	spring and clamp\$3 and 1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:14
L9	46	spring and clamp\$3 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:32
L10	82	spring and clamp\$3 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:43
L11	44	spring and clamp\$3 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:27

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L12	69	spring and clamp\$3 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:40
L13	50	spring and clamp\$3 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:34
L14	35	spring and clamp\$3 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:15
L15	32	("0651129"   "2247131"   "2388567"   "2570439"   "2707228"   "3325134"   "3399429"   "3591013"   "4199173"   "4531642").PN. OR ("5152490").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 12:17
L16	8	("2570439").URPN.	USPAT	OR	OFF	2006/09/11 12:18
L17	12	("0409340"   "2570439"   "2829457"   "3234673"   "4170423").PN. OR ("4250639").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 12:19
L18	86	("2202300"   "2472567"   "3182811"   "3383786"   "3482708"   "3533512"   "3648849"   "3968881"   "4192425"   "4250639"   "4253402"   "4349113"   "4353470"   "4401222"   "4457088"   "4534475"   "4589150"   "4657148"   "4703703"   "4785939"   "4838422"   "4887724"   "4907703"   "5048698"   "5054629"   "D120652"   "D139831"   "D139832"   "D179534"   "D179652"   "D185130"   "D207041"   "D209882"   "D226880"   "D227811"   "D234511"   "D239622"   "D251254"   "D252000"   "D259428"   "D260907"   "D266336"   "D266675"   "D267414"   "D269144"   "D287861"   "D288160"   "D290141"   "D292264"   "D298604"   "D302702"   "D308077"   "D323188"   "D323354"   "D327497"   "D327503"   "D328103"   "D330047").PN. OR ("5363974"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 12:19
L19	67	spring and (clip or clamp\$3) and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:27
L20	12	("4955576").URPN.	USPAT	OR	OFF	2006/09/11 12:30
L21	52	spring and (clip or clamp\$3) and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:33

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L22	85	spring and (clip or clamp\$3) and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:34
L23	31	("0500715"   "1060795"   "2348414"   "2785901"   "2873859"   "4125243"   "4466593"   "4501438"   "4518140"   "4531642"   "4987690"   "5044593"   "5289926"   "5324076"   "5464293"   "5620162"   "5746410"   "5897934"   "D167203"   "D246491"   "D300095"). PN. OR ("6170791").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 12:36
L24	89	spring and (clip or clamp\$3) and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:40
L25	25	spring and clip and clamp\$3 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:43
L26	112	spring and (clip or clamp\$3) and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 12:43
L27	36	("0620211"   "1008509"   "1037292"   "1109035"   "1148742"   "1452861"   "2014267"   "2091260"   "2229012"   "2380780"   "2582953"   "3090143"   "4178710"   "4239410"   "4365434"   "4429901"   "4511274"   "4544123"   "4709895"   "4867594"   "4925143"   "5005796"   "5451025"   "5535976"). PN. OR ("5927672").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 12:44
L28	22	("1110906"   "1187484"   "1827592"   "1841903"   "2520461"   "2526090"   "2602251"   "3090143"   "4313270"). PN. OR ("4867594").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 12:48
L29	11	"248"/\$.ccls. and (clamp\$3 or clip or hold\$3 or retain\$3) and spring and (sheet near stack)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:02
L30	3174	"248"/\$.ccls. and (clamp\$3 or clip or hold\$3 or retain\$3) and spring and (sheet same (hole\$1 or opening\$1 or aperture\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:03
L31	3322	"248"/\$.ccls. and (clamp\$3 or clip or hold\$3 or retain\$3) and spring\$1 and (sheet same (hole\$1 or opening\$1 or aperture\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:03

## EAST Search History

L32	3012	"248"/\$.ccls. and (clamp\$3 or clip or hold\$3 or retain\$3) and spring\$1 and (sheet same (hole\$1 or opening\$1 or aperture\$1)) and (support\$3 or bind\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:04
L33	28	1 and 32	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:04
L34	6	2 and 32	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:05
L35	13	3 and 32	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:06
L36	8	4 and 32	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:05
L37	9	5 and 32	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:05
L38	14	6 and 32	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:08
L39	12	7 and 32	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:06
L40	87	281/50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 13:12
L41	136	281/49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 13:19
L42	7	("2388960"   "2960090").PN. OR ("5566979").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:15
L43	33	("0792747"   "0943479"   "0959470"   "1000649"   "1079418"   "2111845"   "2150709"   "2207604"   "2749655"   "2810221"   "4015813"   "4139217"   "4201403"   "4313623"   "4453788"   "4974805"   "5104147"   "5177665"   "5320321"   "5445524"   "5941569").PN. OR ("6349969").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:16
L44	1292	281/45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 13:29

## EAST Search History

L45	198	spring and (clamp\$3 or clip) and 44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 13:20
L46	17	("1637485"   "2150709"   "2862328"   "3326268"   "3713578"   "4577788"   "4628572"   "4762258").PN. OR ("4962874").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:23
L47	12	("0895268"   "3827109"   "3905068"   "3982307"   "4086686"   "4557503"   "4790680"   "4989298"   "5169255"). PN. OR ("5570907").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:24
L48	10	("0362680"   "0538712"   "3399429"). PN. OR ("3827109").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:25
L49	256	281/44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 13:34
L50	293	"281"/\$.ccls. and spring and (clamp\$3 or clip)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 13:35
L51	8	("1249015"   "1434511"   "3638967"   "4213520"   "4253260").PN. OR ("5472288").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:46

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	((("6802486") or ("20040216282") or ("3827109")).PN.	US-PGPUB; USPAT	OR	OFF	2006/09/11 16:04
L2	0	("2004/0216282").URPN.	USPAT	OR	OFF	2006/09/11 16:04
L3	19	("0550180"   "1923351"   "2255632"   "2572731"   "3193240"   "3562796"   "3952989"   "3954246"   "3991967"   "4436271"   "5170983"   "5797578"   "5979940").PN. OR ("6802486").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 16:04
L4	10	("0362680"   "0538712"   "3399429").PN. OR ("3827109").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 16:12
L5	20	eckhardt-richard.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 16:15
L6	185	24/67.3 and spring\$1 and (clamp\$3 or clip)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 16:16

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20040216282" and journal\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 18:20
L2	2	((("4675953") or ("5379492"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/09/11 18:21
L3	4	("1069210"   "4675898"   "4897898"). PN. OR ("5379492").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:21
L4	44	("0362461"   "0396505"   "0979806"   "0984162"   "1514440"   "1916540"   "2024634"   "2526394"   "2628399"   "2841853"   "2847743"   "2955337"   "3456307"   "4056139"   "D105489"   "D138985"   "D175981").PN. OR ("4675953").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:24
L5	2	("3456307").URPN.	USPAT	OR	OFF	2006/09/11 18:26
L6	44	("0362461"   "0396505"   "0979806"   "0984162"   "1514440"   "1916540"   "2024634"   "2526394"   "2628399"   "2841853"   "2847743"   "2955337"   "3456307"   "4056139"   "D105489"   "D138985"   "D175981").PN. OR ("4675953").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:41
L7	383	24/499	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 18:41

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	67	24/504	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/11 18:54